

CURRICULUM VITAE

Kari D. Gruendell

Washington State Toxicology Laboratory

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Employment

- **Forensic Scientist II – Toxicology, Washington State Toxicology Laboratory, *Seattle*, WA** September 2004 – present
- **Forensic Scientist I – Toxicology, Washington State Toxicology Laboratory, *Seattle*, WA** September 2003 – September 2004
- **Laboratory Technician – DNA, Washington State Patrol Crime Laboratory, *Seattle*, WA**, August 2002 – September 2003
- **Research Assistant/Analyst – Bioanalytics, Immunex Corporation** (acquired by Amgen), *Seattle*, WA, February 2002 – August 2002

Education

- Bachelor of Science – Biology (Zoology emphasis), Minor in Chemistry, 1998, Western Washington University, Bellingham, WA

Certification

- Blood Alcohol Analyst Permit – October 2003

Participation in Proficiency Programs

- Blood Alcohol: California Association of Pathologists
U.S. Department of Transportation
Wisconsin State Laboratory of Hygiene
- Drug Analysis: California Association of Pathologists

Professional Memberships

- California Association of Toxicologists, Full Member
- Northwest Association of Forensic Scientists, Provisional Regular Member
- International Association for Chemical Testing, Member

Capabilities

- Aseptic Techniques, ELISA Assays, PCR, Amplification with 9700 and 480 Thermal Cycler, Sequencing DNA, DNA Quantification, LIMS, Macintosh, Windows, Excel, 310 Genetic Analyzer, Good Laboratory Practices, Headspace Gas Chromatography, Simulator Solution

Preparation, Quality Assurance Solution Preparation, GC/GCMS, Drug Extraction, LC/MS

Training Received and Continuing Education

- Standardized Field Sobriety Testing Training. Seattle Police Department, Seattle, Washington – November 16-18, 2005
- Forensic Toxicology Review. Society of Forensic Toxicologists (SOFT) Continuing Education Committee Seminar, Spokane, Washington – May 2-3, 2005
- Workshops #4) *Anatomical, Pathological, and Physiological Foundations of Toxicity* and #22) *Evidence Based Forensic Science: Interpreting Postmortem Toxicology in the Light of Pathologic Findings*. AAFS 57th Annual Meeting, New Orleans, Louisiana – February 21-25, 2005
- SSRI Drugs, Poisons and Venoms of the Southwest and Quarterly Meeting for California Association of Toxicologists, Phoenix, Arizona – September 24-25, 2004
- W.A.P.A. Drinking Laboratory, Leavenworth, Washington – June 2004
- Marijuana Training, Detection of the Impaired Driver or Roles of the Tox Lab by H. Chip Walls – May 2004
- The Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation, Bloomington, Indiana – May 9-14, 2004
- Drinking Laboratory with Seattle Police Department – May 2004
- Exotic Toxins Workshop and California Association of Toxicologists Meeting, Oakland, California – March 12-13, 2004
- Forensic Science class at University of Washington, George Johnston presented Trace evidence – March 2004
- Autopsy Observation, Traffic Accident, King County Medical Examiner's Office – March 2004
- Antidepressants Seminar presented by Dr. Barry Logan – February 2004
- Highway Patrol Ride Along with Washington State Patrol, King County – January 2004
- Investigating Drug Endangered Children, Toxicology Section presented by Ann Marie Gordon, Kent, Washington – January 2004
- Mass Spectrometry Seminar, Agilent – January 2004
- DUI Patrol with DRE of Kirkland Police Department - December 2003
- Overview of Case Approach presented by Ann Marie Gordon – November 2003
- Comprehensive Capillary GC Seminar, Restek – November 2003
- Toxicology Issues for Prosecutors presented by Ann Marie Gordon – October 2003
- Autopsy Observation - Drug Overdose, King County Medical Examiner's Office – July 2003
- CPR and First Aid Refresher Course, Washington State Patrol – August 2002

Presentations

- Forensic Science Presentation for Career Day, Mount Si High School – May 2005
- Forensic Science Presentation to Forensics Classes, Redmond High School – November 2004
- Forensics: Using Science to Solve Crimes, Expanding Horizons, Bellevue Community College - March 2004
- CODIS Presentation for Violent Crimes Conference, Burien – October 2003